

February 25, 2010 NIST Smart Grid Privacy Subgroup Meeting Notes

Minutes by Rebecca Herold

Please send this distribution list any necessary corrections or additions.

Thanks to all of you participating and contributing your valuable time and resources to our group's work! We are a diverse group, with often differing viewpoints, but our collaboration and considerations of all viewpoints will result in a much more valuable privacy chapter.

Next full group meeting:

Thursday, March 4, 2010 at 11:00am est

Here are my summary notes from today's meeting:

1) Energy in the Smart Grid Terms

- A. Continued discussion of the terms that will be used throughout the entire NISTIR 7628, by ALL the subgroups, when referring to the energy data items that are and will be within the Smart Grid.
- B. These terms are NOT specific to privacy or to customers. These are terms to be used by all groups to provide a consistent set of terms to use to reference energy data within the Smart Grid.
- C. PAP-10 has definitions, but may not cover all the smart grid types of data.
- D. Terms created will relate to three types of smart grid energy data:
 - i. Usage data
 - ii. Operational data
 - iii. Distributed energy generation data
- E. Bulk transmission is another term, but this is really not part of the Smart Grid.
- F. There was a suggestion that, in addition to the definitions, to also give examples for each category/term.

TO-DO:

- 1. Rebecca will take what everyone has sent so far into consideration, and send out a separate message with the three proposed terms and draft definitions.
- 2. Group will give any feedback.
- 3. The terms will be handed off to Tanya and Annabelle to send to the other subgroups.

2) Teams for NISTIR 7628 Privacy Chapter Updates/Changes

- A. Identified teams from within our privacy group to focus on, and start writing or updating, as appropriate, the sections to add into the existing privacy chapter, for the following.
- B. We are going to go from the chapter as it exists now, and build upon it.
- C. Teams created include:

- i. **Team 1: Expand upon general discussion of privacy at the beginning of the chapter; mention expectation of privacy.**
 1. Rebecca Herold
 2. Others?
 - ii. **Team 2: Legal and regulatory discussion**
 1. Northeast Utilities – Carlos Branco or someone else from his organization
 2. Sarah Cortes, Inman Technology IT
 3. Chris Kotting, Ohio PUC
 4. Lee Tien, EFF
 5. Others? Would be great to get representation from a vendor.
 - iii. **Team 3: Development of privacy use cases for the Smart Grid**
 1. Gail Magnuson, Nymity
 2. Hovanes Manucharyan, LinkGard Systems
 3. Christine Hertzog, Smart Grid Library
 4. Chris Kotting, Ohio PUC
 5. Sandy Bacik, Enerex
 6. Lillie Coney, EPIC
 7. Eric Ackerman, Edison Electric Institute (Eric, I put you here based upon the message you sent to the group)
 8. Others?
 9. NOTE:
 - http://www.smartgridipedia.org/index.php/Category:Use_Cases (thanks Sandy!) and <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/Task1aESDERUseCases> (thanks Chris K!) have some use cases to consider, along with those from the existing appendix within NISTIR 7628.
 - iv. **Team 4: Expansion of privacy concerns and issues; along with the issues related to expectation of privacy.**
 1. Lillie Coney, EPIC
 2. Eric Ackerman, Edison Electric Institute (Eric, I put you here based upon the message you sent to the group)
 3. Others? Vendors? Commissions? Universities?
 - v. **Team 5: Definitions of terms**
 1. Energy usage information terms
 - a. **TO-DO**: Rebecca will send draft as indicated in section 1 above
 2. Personal information terms (“personally identifiable information,” “personal information,” “composite personal information,” and possibly others?)
 - a. Tanya
 - b. Jules
 - c. Others? Utilities? Others from the energy space?
 3. **NOTE**: Rebecca will send Tanya, Jules and any others the draft of what we’ve defined for the personal information terms to date.
- D. Anything else currently missing from the privacy chapter that we want to include?

- E. NOTE: It will be important to have representation within each team from the many types of perspectives within our subgroup to help ensure a balanced viewpoint is created.
- F. **TO DO: Each team:**
- i. Look carefully at the existing 2nd draft of the privacy chapter
 - ii. Start communicating directly with each other about what needs to be added and/or updated to the chapter for the topic team within which you are participating.
 - iii. Be ready to give our entire group an update on your progress, and communicate issues related to your topic that you want to discuss with the entire privacy subgroup, at our weekly Thursday meetings.
 - iv. Goal is for each team to have their sections finished by the end of April so we can then work on integrating all together within the chapter by the end of May.
- G. Tanya may have to a limited extent a conference bridge the teams can use. Contact Tanya if you want to use it!

3) For next Thursday's meeting

Each team report progress, starting with the Use Cases team.

NOTE

When updating the current version of the privacy chapter, we need to make sure the portion of the privacy chapter that describes the PIA from last summer clearly indicates the necessarily limited scope, and that our privacy chapter is looking at the privacy issues involved with the entire smart grid and involved entities, far beyond the PIA scope.

We look forward to hearing all your thoughts and views and seeing everyone participate in respectful debate on any issues where there may be differences of opinions.

We are a very diverse group, coming from many different perspectives, which is fantastic for our group's goal of creating feasible, practical, privacy suggestions that will be of most value...to consumers, utilities, vendors, and all others that are part of the Smart Grid...to all our privacy chapter readers! And, to those lawmakers and standards makers who will use our document in making strong policies and regulations.

As we are working on the next, final version, always keep in mind that we must be sure to frame the issues/concerns/etc. within the Smart Grid, and point out how they are unique to the Smart Grid. There **WILL** be data that is not unique to the Smart Grid (such as many different types of PII and other personal information), however there will be privacy concerns related to that information that **WILL** be unique to the Smart Grid, and we need to make sure we clearly explain them.

Thanks!

Rebecca